

PoE SOLUTIONS

Power over Ethernet Capable Locking Hardware





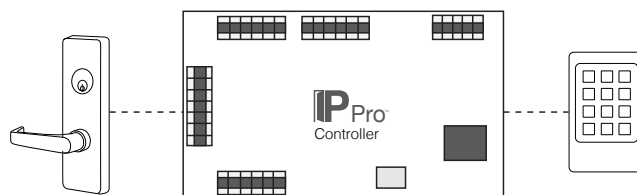
The Future of Security

The world is wired. Internet cable is everywhere. Buildings are smart. Imagine the savings in cost and installation time not having long cable runs and power supplies for every door by simply tapping into the nearest Ethernet connection.

SDC's low power line of PoE Capable Locking Hardware and Access Controls does just that by allowing easy integration and connection to an access control system using ordinary Ethernet cable in a PoE enabled network.

SDC's PoE Solutions are the same robust, reliable and quality Electric Locks, Devices, and Access Controls we've been making for over 40 years. Now we've ensured they work in low power PoE environments where energy efficiency, flexibility and green and sustainable requirements reach all the way to electronic hardware and locks for controlling door openings.

Complementing our PoE solutions is our new IP Pro™ IP-based Access Control Series – to help bridge the gap between traditional locking hardware and IT networks. IP Pro™ is a Professional Grade Door Access Control Solution™ to control a single door – easy expandable - with everything needed for a complete, IP door access control system. (see page 9 for full description)



Now, there's a simple way to install, expand and control door access control with PoE Solutions. Smart products designed for smart buildings and smarter people...now. Only from SDC.

Magnetic Locks

EMLock® 1500 Series

SDC's patented EMLock® design represents the pinnacle of magnetic lock evolution. The modular EMLock® assembly makes them easy to stock, install, upgrade and maintain.

- Modular Design
- Modular Upgrade Kits
- Field Upgradable without removing from the frame
- Uniform Design & Installation
- Identical Housing, Template & Accessories
- Quick Mount Assembly

SDC IP-1500 series EMLocks® include a lifetime warranty and are available in 650lbs and 1200lbs holding force. Compatible with any access control system. All EmLocks® are adaptable to virtually any application utilizing Top Jamb or Glass Door mounting kits. The epoxy-less design provides a superior appearance with a plated or anodized finish on all sides. The interlocking EZ mount assembly leaves hands free for wiring and securing of mounting screws. EMLocks® are UL Listed and ANSI Grade I compliant.



IP-1571 Perimeter Security
1200 lb / 544 Kg Holding Force
3 Watts Energy Saver

IP-1571 Single EMLock®

Voltage: Voltage Sensing Input
Single: 250mA @ 12VDC;
11"L x 2-3/4"H x 1.562"D
(279.4 x 69.9 x 39.7 mm)
3 watts

IP-1581 Traffic Control
650 lb / 295 Kg Holding Force

IP-1581 Single EMLock®

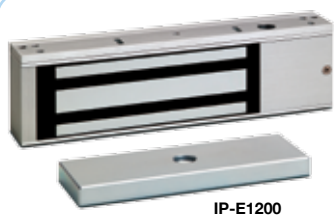
Voltage: Voltage Sensing Input
Single: 440mA @ 12VDC;
8-3/4"L x 2-1/8"H x 1.25"D
(222.2 x 54 x 31.8 mm)
5.3 watts



Magnetic Locks

Excel™ Series

The Excel™ product line is designed for system integrators, distributors, installers and building owners presently using low cost import or private label brand access control hardware.



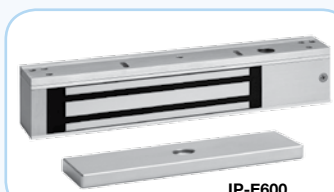
IP-E1200

IP-E1200

Security Access Control & Mantraps

1200 lb / 545 kg holding force magnetic lock for perimeter and interior door security and access control. Door and lock status outputs included for remote monitoring, mantraps and system application needs.

500mA @ 12VDC - 6 watts



IP-E600

IP-E600

Traffic Control, Air-Locks & Communicating Bathrooms

600 lb / 272 kg holding force magnetic lock for interior door traffic control where physical attack is not a concern. Door and lock status outputs included for remote monitoring, mantraps and system application needs.

500mA @ 12VDC - 6 watts



IP-E300

IP-E300

Cabinets, Display Cases

300 lb / 136 kg holding force magnetic lock for cabinets and display cases. Lock status output included for remote monitoring and system application needs.

360mA @ 12VDC - 4.3 watts



IPE6200

IP-E6200 Magnetic Lock

Security Access Control, & Mantraps, Indoor/Outdoor

1200 lb / 545 kg holding force magnetic lock for exterior, perimeter and interior door security and access control. Magnetic bond sensor and door status outputs are included for remote monitoring, mantraps and system application needs.

250mA @ 12VDC - 3 watts



IP-350V

Retrofits Discontinued Locknetics 350+

IP-350 Narrow Line Magnetic Door Lock

The Security Door Controls IP-350 Narrow Line Series EmLock provides 1200 lbs holding force for reliable failsafe access control of perimeter and interior doors that meets both building high security needs and fire life safety code requirements. The 350 series is specifically designed for high profile openings that require less obtrusive surface mount lock with architecturally superior appearance. LED Indicator; Magnetic Bond and Door Status outputs and Anodized Aluminum finish standard

560mA @ 12VDC - 6.7 watts



IP-MSB550

IP-MSB550 Mechanical Switch Bar

Non-Latching Push Bar for

- Magnetic Lock Release
- Delayed Egress Trigger

- Access Control Request-to-Exit
- Alarm Shunt
- CCTV or Alarm Activation





Key Switches/Exit Switches

IP-474U Touchless Exit Switch



IP-474U



The SDC 474U uses IR Sensor technology, the device is active with the simple wave of a hand. Designed to control electric locks/strikes, magnetic locks, or automatic door openers. It is ideal for use in sanitary applications, such as cleanrooms, bathrooms, food processing, hospitals and labs, and features a sensing range of up to 4" (10cm). The Switch is mounted on a durable stainless steel plate, with dual LED illuminated sensors indicating the status. The quick connect screwless terminal block ensures easy installation.

**Idle: 25mA - 0.3 watts,
Active: 55mA - 0.65 watts
@12VDC**

IP-463U Piezoelectric Exit Switch w/Timer



IP-463U



IP-463NU

The SDC 463U is a heavy duty vandal resistant exit switch designed for indoor, outdoor, commercial and industrial egress applications. Constructed of stainless steel and utilizing piezoelectric technology, the SDC 463U exit switch is ideal for harsh or high traffic conditions. The weather and vandal resistant design ensures superior performance in virtually any environment.

**Idle: 60mA - 0.7 watts,
Active: 120mA - 1.4 watts
@12VDC**



IP-MD31D

PIR Egress Sensor

The IP-MD31D PIR request-to-exit sensor unlocks doors automatically when persons approaching door are detected. The MD31D complies with national fire and building code requirements for Access Controlled Egress Doors listed above. Code compliant failsafe mode releases locks when power to PIR sensor is interrupted.

26mA @12VDC - 0.3 watts



IP-422U



IP-422A



IP-412NU

IP-410 & IP-420 Series



The illuminated switch button is two inches square for easy activation and is visually conspicuous. The high impact resistant material stands up to abuse. The "PUSH to EXIT" sign complies with NFPA requirements. The 422A is designed for access and egress applications for the disabled.

**1 Gang:
2" Illuminated Button,
Stainless Steel
Narrow:
1 3/4" x 1" Illuminated Button,
Stainless Steel**

**LED 20mA @ 12VDC -
0.24 watts**

IP-491 Emergency Break Glass Station



IP-491

The SDC IP-491 Emergency Door Release Break Glass Station provides immediate unlocking of perimeter doors or interior doors that are equipped with fail-safe electric locks. The 491's built in alarm may be used as a local door annunciator.

The SDC 491 is specifically designed for emergency door release and may influence the approval of an electric locking system. This type of Emergency Door Release may be preferred over a pull station since greater commitment is required to break the glass.

Siren 18mA @ 12VDC - 0.2 watts

IP-492 Emergency Pull Station



IP-492

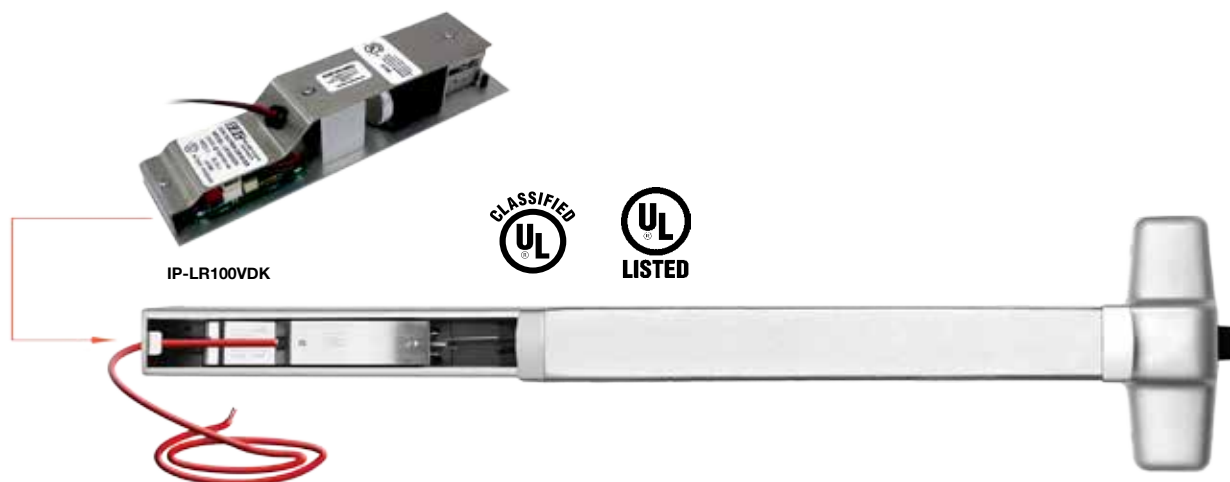
The SDC IP-492 Emergency Door Release Pull Station provides immediate unlocking of perimeter doors or interior doors that are equipped with fail-safe electric locks. The 492's built in alarm may be used as a local door annunciator.

The SDC 492 is specifically designed for emergency door release and may influence the approval of an electric locking system.

Siren 18mA @ 12VDC - 0.2 watts



Electrified Exit Devices



Quiet DUO™ ELR Kit

The SDC LR100 Electric Latch Retraction Kit for Von Duprin (and other major manufacturers) enables electric access control and dogging of mechanical exit devices. When energized the motor retracts the exit device latch and pulls the pushpad into the dogged (depressed) position enabling momentary or sustained push and pull operation of the door.

The latch retraction mechanism may be activated by an access control, remote control device or building automation system. The exit device always provides uninhibited egress.

650 mA Inrush - 7.8 watts, 200 mA Continuous @ 12VDC - 2.4 watts

Von Duprin Field Kit IP-LR100VDK

Hager Field Kit IP-LR100HK

SDC Field Kit IP-LR100SDCK

Sargent Field Kit * IP-LR100SGK

Yale Field Kit * IP-LR100YDK

Corbin Field Kit * IP-LR100CRK

Adams Rite Field Kit * IP-LR100ARK

Falcon 25 Field Kit * IP-LR100FRK

* RIM device only

Electric Trim

- Compliments SDC Exit Devices
- Failsecure, field reversible to failsafe
- Audible tone
- 4 ft. cable and connectors

600mA @ 12VDC - 7.2 watts



IP-EKE03
Eclipse,
less cylinder
Optional LED
shown



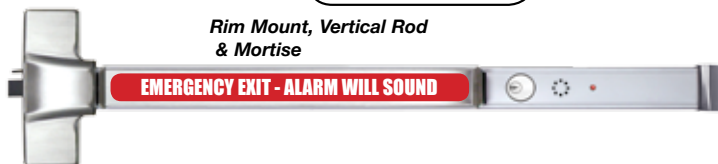
IP-GKE
Galaxy
less cylinder
Optional LED
shown



Exit Alarm

**EMERGENCY
EXIT ONLY**
DOOR ALARM WILL SOUND

Door sign included
Bar sign optional



*Rim Mount, Vertical Rod
& Mortise*

IP-B Exit Alarm, 12VDC input, 9V battery backup
For 6100, 6200, 6300, 6800 Example: S6801P-LR-U-36-A

- 100 dB alarm; visual and audible On/Off status
- Remote status output
- 15 or 60 second arming delay 2 modes: Continuous alarm with manual key reset; Automatic re-arm 2 minutes after door closes with any manual key reset before 2 minutes.

Options

- Push pad sign
- 6, 10 & 20 minutes alarm; 1 or 5 second re-arm delay
- Remote access control, arm, disarm inputs
- REX and latch status outputs

UL US LISTED

ADA

20mA @ 12VDC - 0.24 watts



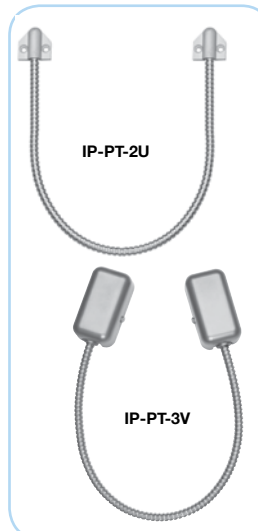
Power Transfer Accessories



Concealed Electric Power Transfer

SDC's heavy duty Electric Power Transfer Device provides a concealed and secure means of transferring electric lock and exit device power and signal wires from the frame to the door. Completely concealed when the door is closed the IP-PTM Electric Power Transfer Device is ideal for heavy traffic and applications requiring higher security to inhibit tampering and abuse.

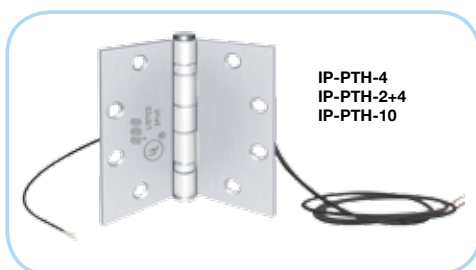
IP-PTM-2: 2 wires, 5 Amp @ 12V
IP-PTM-10: 10 wires, 1 Amp @ 12V



Power Transfer Loops

18" (447mm) stainless steel armored flex conduit with small plastic end caps or termination box. Recommended for use with hollow metal and aluminum frames.

IP-PT-2U With end caps
IP-PT-3V With aluminum wire termination box



Power Transfer Hinge

- UL10B Listed for 3 Hr Fire Doors. If the hinge you are presently using does not bear the F mark, it is not listed for use with fire doors.
- 500,000 cycles. 5 times UL test criteria
- Wire Replacement Warranty
- 5ft wire cable



IP-PTH-4: 4 Conductor, 1 Amp @ 12V per pair
IP-PTH-10: 10 Conductor, 1 Amp @ 12V per pair
IP-PTH-2+4: 16 Amp Inrush, 6 Conductor, 1-pair 16 Amp Inrush, 4 Amp continuous, 2-pair 1 Amp @ 12V



Fire Rated Concealed Mortise Power Transfer

IP-PT-5 Concealed Mortise Mount Power Transfer Loop, Frame mortised steel dust box with flexible steel loop and chrome finish. Recommended for use with hollow metal frames. UL Listed

Electric Strikes



Universal 45 Series Multi-Frame-Application Electric Strike

- Centerline Electric Strike
- 4 Interchangeable Application Faceplates
- Full Monitoring is Standard, Including:
 - Latched and Unlatched Status
 - Keeper Closed and Deadlocked or Unlocked
- Keeper Open Status Optional
- Reversible Failsafe/Failsecure, no disassembly
- 1/4" Horizontal Alignment Adjustment
- Plated Architectural Finishes Available

200mA @ 12VDC - 2.4 watts

25 Series Electric Strike

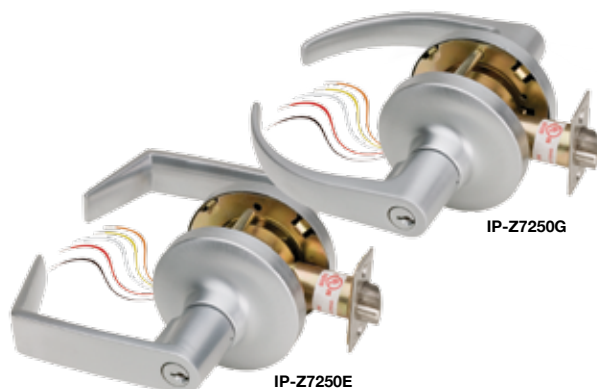
The SDC 25 Series Electric Strike is a Centerline Latch Entry* strike designed for use with Cylindrical lockset with up to 5/8" (15mm) throw latchbolts. The compact low profile design with an internally mounted solenoid and factory supplied mounting tabs enable quick and easy installation where jamb space is limited. The heavy duty construction makes the 25 Series ideal for high traffic installations.

Not for wood applications.

300mA @ 12VDC - 3.6 watts



Electrified Locksets



Electra™ Pro IP-Z7200 Series

Electra™ Pro Electrified Cylindrical Locksets are designed for the access control of openings in commercial, industrial and institutional facilities where code compliance, dependable operation and resistance to physical abuse is required, including:

- High-Rise Offices
- Hospitals
- Universities
- Museums
- Government Centers
- Airports
- Factories

Operating Voltage: 12VDC

Activation Power (Peak): 440mA - 5.3 watts

Holding Power (Continuous): 260mA - 3.1 watts



HiTower® IP-Z7500

Frame Actuator Controlled Locksets

Hardwire Control with no Electric Hinge and no Wires in the Door.

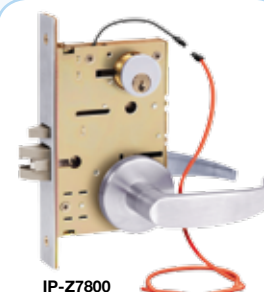
SDC HiTower® locksets comply with all national and regional building codes for locking interior office, elevator lobby, exit and stairwell fire rated doors, where the use of electric strikes and magnetic locks is prohibited. HiTower® locksets also provide higher security and superior aesthetics compared to exposed and vulnerable electric strikes and magnetic locks, while eliminating the need for request-to-exit devices. While providing controlled access and remote control capability the door stays latched even when unlocked, maintaining fire door integrity.

900mA @ 12VDC - 10.8 watts

Selectric® IP-Z7800

- For new construction or replacement of major brand mechanical locksets
- Field selectable mode
- Field selectable handing and functions based on individual lock brand capabilities
- Key latch retraction

600mA @ 12VDC - 7.2 watts



Cabinet Locks



IP-290 Micro Cabinet Lock

The IP-290 Micro Cabinet Lock is designed to electronically secure cabinets and drawers. The need for keys is eliminated and the addition of a keypad or remote control of your choice provides true access control and convenience of use.

- Pharmaceutical cabinets and drawers
- Retail display cases and drawers
- Gun cabinets
- File cabinets
- Utility cabinets and drawers
- Museum display cases

250mA @ 12VDC - 3 watts



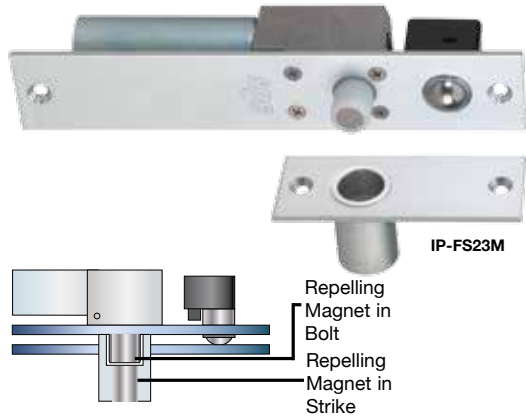
IP-1583 Cabinet EMLock®

Micro Cabinet EMLock® Security Made Easy

SDC's IP-1583 Micro Cabinet EMLock® is a compact specialized electromagnetic lock that produces 300lbs. of holding force. Versatile mounting capability with face drilled and surface mounting holes. The 1583 operating voltage is field selectable for either 12/24 VDC. Aluminum housing is standard.

500mA @ 12VDC - 6 watts

Electric Bolt Locks



IP-FS23M Dual Failsafe Spacesaver® Bolt Lock

Dual Failsafe Spacesaver®

- CSFM Listed for locking of perimeter entry and emergency exit doors after business hours
- Tested to 1 Million Cycles
- Fully concealed and easily installed in 1.75" (4.44cm) frame or door stile

900mA @ 12VDC - 10.8 watts



IP-1091A Spacesaver® Bolt Lock

Fully concealed and easily installed in 1.75" (4.44cm) frame or door stile

The Spacesaver®, first designed and patented by SDC, is a fundamental innovation in electric locking technology for access control applications.

The stainless steel bolt projects at right angles to the lock mechanism, allowing installation of Spacesaver® locks, by means of a simple cutout, in virtually any standard 1.75" frame, or in most door lock stiles. With the entire lock concealed, esthetic acceptability is complete, security is greater and installation in old or new construction is fast, easy and economical.

900mA @ 12VDC - 10.8 watts

Annunciators



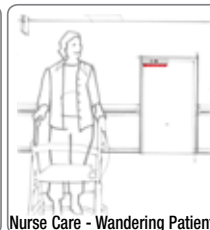
IP-EA100 Exit Annunciator™ Bar

The **SDC Exit Annunciator™** is a highly visible multi-color signal device, that interfaces with Delayed Egress or standard EMLocks and can be used as a wall, ceiling, or frame mount indicator.

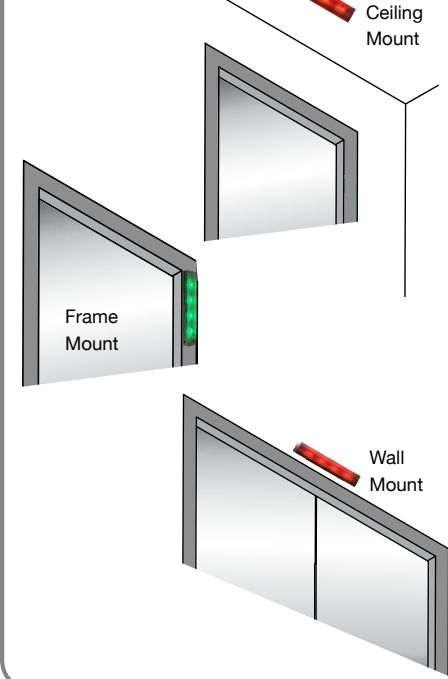
Dimensions: 8-3/4" x 1-1/2" x 3/4"

Electrical: 12VDC @ 80mA (0.85 watts) max power, Long life LED output

Typical Applications



Stand Alone Multi-Mount



IP-based Access Control

IP Pro Series

IP-based Access Control

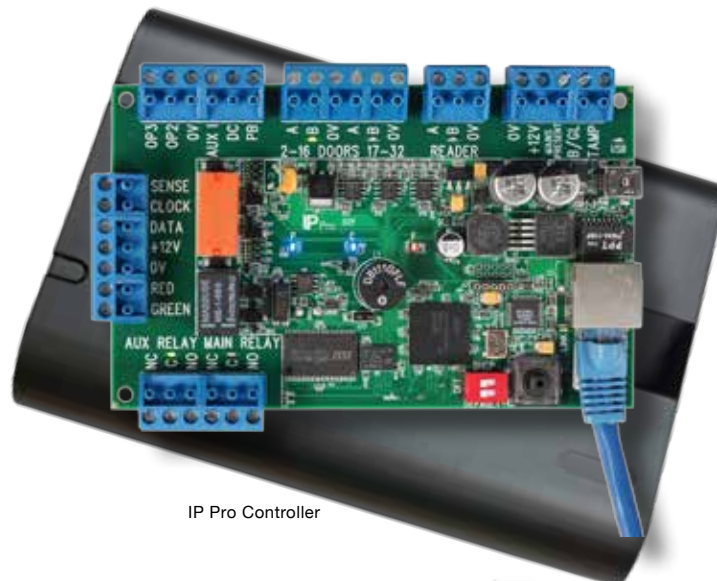


Designed for ease of use, the IP Pro embedded software allows for real-time monitoring and user management via a web browser.

- Controls one door directly, with unlimited expansion capabilities
- TCP/IP communications (100/10Mbps)
- DHCP or Static IP addresses
- Password protected built-in web server (No separate software to install)
- Live transaction monitoring
- Entry & exit reader capability
- Compatible with industry standard Wiegand output readers
- Reader short circuit protection
- Compliant with PoE+ standard
- 15,000 users (up to 2 credentials per user)
- Batch card enrollment
- 250 User groups/Time Zones/Door Groups
- Holiday support
- Scheduled Events
- Temporary Users
- Audit Trail – Up to 5,000 events may be exported as a .csv file
- Status LED's – Power, Communications, & Fault on-board diagnostic indicators
- Anti-tailgating
- Anti-passback (global or localized)
- Supported browsers: Microsoft Internet Explorer 8 & 9, Firefox 8.0, Google Chrome
- Multiple credential modes: Card only, PIN only, Pin or Card, Pin & Card
- Door Status Monitoring Input
- Request-to-Exit (REX) Input
- Programmable Auxiliary Input
- Lock Relay Output
- Auxiliary Relay Output
- (2) Programmable Solid-state Outputs
- Tamper Input
- Database backup support

250mA @ 12VDC for Controller - 3 watts

120mA @ 12VDC for Door Station - 1.4 watts



IP Pro Controller

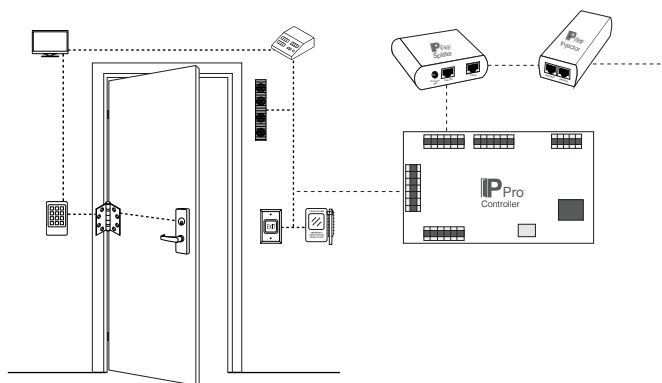


IP Pro Splitter



IP Pro Injector

IP Pro Solution



IPPRO-SKE	IP Pro Starter Kit, including Controller board, Splitter and Injector components plus Controller enclosure
IPPRO-SK	IP Pro Starter Kit, including Controller board, Splitter, Injector
IPI-30	IP Pro Injector 30W PoE+
IPS-12	IP Pro Splitter 12VDC PoE+
IPDC	IP Pro Controller board only
IPDCE	IP Pro Controller board plus enclosure
IPDSE	IP Pro Door Station Expansion board plus enclosure
IPDS	IP Pro Door Station Expansion board only
IPRW	IP Pro Wiegand Reader - PROX, HID compatible (125 kHz)

Keypad



IP-918W

- Indoor
- Single Gang
- Thick S.S. faceplate 3/32" (2mm)
- 3 x 4-3/4 x 1-1/2" (1/4" wall projection)

30mA @ 12VDC - 0.35 watts typical

Proximity Keypads



IP-920PW

- Indoor/Outdoor
- Surface Mount
- Heavy Cast Vandal Resistant Housing
- For Use with HID ProxCard or ProxKey Fob
- 3 x 5-3/4 x 1-7/16"

30mA @ 12VDC - 0.35 watts typical

Proximity Reader



IPRW

- Indoor/Outdoor
- Surface Mount
- For Use with HID ProxCard or ProxKey Fob
- 1-1/2 x 4-3/4 x 5/8"

40mA @ 12VDC - 0.48 watts



IP-923PW

- Indoor/Outdoor
- Surface Mount
- Heavy Cast Vandal Resistant Housing
- For Use with HID ProxCard or ProxKey Fob
- 1-3/4 x 7-3/8 x 1-7/16"

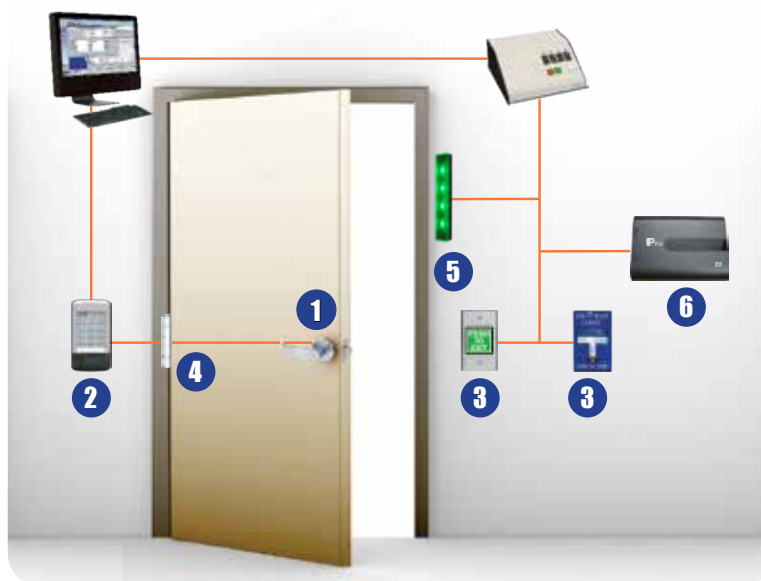
30mA @ 12VDC - 0.35 watts typical

Power (Watts) = V (Volts x I (Current in Amps)

I (Amps)	POWER (Watts) 12VDC
0.1	1.2
0.2	2.4
0.3	3.6
0.4	4.8
0.5	6
0.6	7.2
0.7	8.4
0.8	9.6
0.9	10.8
1	12
1.2	14.4

I (Amps)	POWER (Watts) 12VDC
1.4	16.8
1.6	19.2
1.8	21.6
2	24
2.2	26.4
2.4	28.8
2.6	31.2
2.8	33.6
3	36
3.2	38.4
3.4	40.8

I (Amps)	POWER (Watts) 12VDC
3.6	43.2
3.8	45.6
4	48
4.2	50.4
4.4	52.8
4.6	55.2
4.8	57.6
5	60
5.2	62.4
5.4	64.8
5.6	67.2



1 Locking Device

- Electric Strike
- Delayed Egress Lock
- Electric Bolt Lock
- Electrified Lockset
- Exit Device
- Frame Actuator Lockset
- Magnetic Lock



2 Access Control

- Standalone or Network
- Keyswitch
- Digital Keypad
- Card Reader



3 Egress Device

- Dual Latch Retraction & Dogging
- Delayed Egress
- Electric Mortise
- Spectra 6000
- LR100 Field Retrofit Latch Retraction & Dogging Kit
- HiTower Actuator



3 Egress Control

- Exit Switch
- PIR Egress Sensor
- Exit Sense Bar
- Emergency Door Release



4 Power Transfer Devices

- Required With Locksets & Exit Devices
- Electric Power Hinge
- Power Transfer Loop
- Concealed Power Transfer



5 Annunciator



6 IP Control



SDC APP

Mobile Resource

20 Product Categories

Video Library

For Sales Calls, Onsite Installation, Dealers, Specifiers, & Engineers

Access Control Equipment
Electric & Mechanical Locking Devices

Video Demos for Sales, Installations, Product & System Application

Document Library

PDF Datasheets, 3-Part Specs, Instructions, Templates & Cad

System Library

Cross Brand Compatible Riser & Point-To-Point System Wiring

Social Links

Latest News thru LinkedIn, Facebook, Twitter & Youtube



Available on the App Store

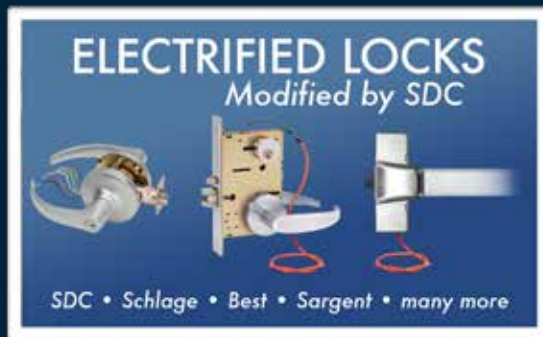
It's on ANDROID

DELIVERY



Reduce Time-In-Transit & Shipping Costs: The ShipQUICK inventory is available from two regional warehouses.

MODIFICATIONS



RETROFIT



SYSTEM DESIGN



OEM



Providing Quality Service To The Industry
For Over 40 Years